

How Will Standards Shape the Digital Economy? Implications for Policy and Teaching

DAY 1: THURSDAY, SEPTEMBER 8, 2016

9:30am – 5:00pm

- 9:30 **Registration/Coffee** (*Hospitality sponsor: IEEE*)
- 10:00 **Welcome**
 David Eaves, Fellow, Kennedy School , Harvard University (host)
 Gordon Gillerman, Director, Standards Coordination Office, National Institute of Standards and Technology (*NIST*)
- 10:20 **Overview of Agenda**
 Jeffrey Strauss, Associate Director, Northwestern University Buffett Institute Center for Technology and Innovation Management
- 10:30 **Laying Out the Problem: Demands of the Digital Economy and the Challenge of Standards Development**
Industry sector panel:
 John Halamka, CIO, Beth Israel Deaconess Hospital
 George Arnold, CEO, Tercio Solutions
- 11:25 **Standards Perspective**
 Andy Updegrove, Founding Partner, Gesmer Updegrove LLP
 Jeffrey Jaffe, CEO, World Wide Web Consortium (W3C)
 Richard Soley, Chairman and CEO, Object Management Group (OMG)
- 12:20 **LUNCH** (*Lunch sponsor: IEEE*)
 Guest speaker: **Alan Davidson**, Director of Digital Economy, U.S. Department of Commerce and Senior Advisor to the Secretary of Commerce [*Invited*]
- 1:30 **Academic Panel**
 Joanne Yates, Sloan Distinguished Professor of Management, MIT Sloan
 Tim Simcoe, Associate Professor of Strategy & Innovation, Boston University, Questrom School of Business
- 2:30 **Breakout Introduction and Expectations**
 Patricia Harris, International Standards Specialist, Global Standards Coordination, NIST
- 2:40 **Breakouts: Implications for Course Content/Required Student Preparation**
 Focal questions:
- *What are the most critical digital economy challenges facing industry? What are implications/requirements for standards development?*

- *How can digital economy related standards be developed that respond to commoditization but guide and dynamically support the rapid evolution of new technologies without constraining innovation?*
- *What are the related implications for education? What needs to be covered in courses? How can the standards underpinnings be effectively captured and conveyed in current or new courses?*
- *What are challenges to the teaching environment (materials, faculty knowledge, course content, etc.)?*
- *What types of support might enable the integration of education standards in digital economy related curriculum?*

3:40 **Break** (*Hospitality sponsor: IEEE*)

3:55 **Reports, Open Discussion**
Moderator: David Eaves

4:40 **Wrap-up and Segue to Day 2 Agenda**
Jeffrey Strauss

5:00 **ADJOURN**

DAY 2: FRIDAY, SEPTEMBER 9, 2016

9:00 – 12:30pm

8:30 **Registration/Coffee Talk** (*Hospitality sponsor: IEEE*)

9:00 **Standards Simulation Exercise**
Facilitator: Jeffrey Strauss

Working in assigned groups participants will engage in a facilitated Simulation Exercise that exposes the challenges and processes of Standards Setting

10:15 **Working break** (*Hospitality sponsor: IEEE*)

11:15 **Group reports, discussion of exercise, value and potential use/further adaptation in different courses/ institutional contexts/ what was learned?/what surprises were encountered?**

12:15 **Wrap up and Next Steps**

12:30 **ADJOURN**